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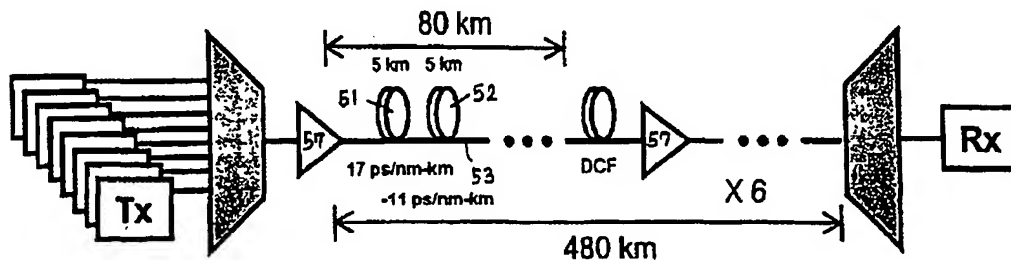
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(54) Title: FIBER OPTIC CABLE FOR INCREASED TRANSMISSION CAPACITY AND WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING THE SAME



(57) Abstract: Disclosed is a fiber optic cable for a wavelength division multiplexing (WDM) optical transmission system including a plurality of connected optical fibers, wherein each of the connected optical fibers is formed of a plurality of optical fibers respectively exhibiting different dispersion values and different dispersion slopes in a predetermined operating wavelength range while having different lengths and different effective areas, the optical fibers being connected to one another in an optional order.